User:

Thursday, 2/23/2006 3:28:04 PM

Linda Lacelle

Process Sheet

Customer Job Number : CU-DAR001 Dart Helicopters Services

: 25938 : 10327

Estimate Number P.O. Number

:N/A

This Issue

Prsht Rev.

First Issue

Previous Run

: 2/23/2006

: NC : N/A

: 24595

: MACHINED PARTS

Part Number

Drawing Name

: D2741

: BLADE

Drawing Number

: D2741 REV BZ C AR 05/05/21 **Project Number**

: B2 **Drawing Revision** : NIA Material

Due Date

: 3/2/2006

Each

Written By

Comment

: SEE COMMENT BRIOW Checked & Approved By

ABOVE USER &

00.11.15 Removed P/O turning - in house process E

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

413O Bar 0.5 x 3.0"

1.0

M4130NB0500X03000

Total:

06.03.1V

1.2118 f(s)/Unit

4130 BAR 0.5 x 3.0"

Material: 4130 steel bar 0.50" x 3.00"

Batch: M 1939 7

BAND SAW



Comment: BAND SAW

HAAS1

BAND SAW

Cut blanks 13.850" long +0.063" -0.000"

HAAS CNC VERTICAL MACHINING



Comment: HAAS CNC VERTICAL MACHINING #1 1-Machine per folio FA108

4.0

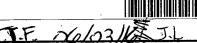
3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE



Page 1

Form: rprocess

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W/O:		·	WORK ORDER CHANGES								
DATE	STEP		PROC	EDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
•			· 		CONTRACTOR						
					•						
Part No	•		PAR #:	_ Fault Category:		NCR: Yes	No DQ	A :	Date:		
						QA: I	N/C Close	d:	_ Date: _		

NCR:			ER NON-CONFORMANC	E (NCR)				
		Description of NC		Corrective Action Section B		Verification	A	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
-							-	
				·				
•								
		~						-

NOTE: Date & initial all entries

Thursday, 2/23/2006 3:28:04 PM Linda Lacelle User: 7 **Process Sheet** Drawing Name: BLADE Customer: CU-DAR001 Dart Helicopters Services Job Number: 25938 Part Number: D2741 Job Number: **Description:** Seq. #: **Machine Or Operation:** SECOND CHECK 5.0 QC8 03 40 Comment: SECOND CHECK SMALL & MEDIUM FAB RESOURCE 1 6.0 SMALL FAB Comment: SMALL & MEDIUM FAB RESOURCE 1 1-Deburr 2-Bend per Dwg D2741 INSPECT WORK TO CURRENT STEP 7.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PURCHASING 8.0 PG Comment: PURCHASING Issue P/0: <u>00000</u> 846 Harden material as per Dwg D2741 Min. Ultimate Tensile Strength = 152 ksi (30-40 HRC) Min. Yield Tensile Strength = 141 ksi Test report or Certification required PACKAGING RESOURCE #1 9.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Receive and Inspect for transit damage Ensure Test report or Certification attached 10.0 QC5 06.0405 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING 11.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3

Dart	Aeros	pace	Ltd
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W/O: WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
dolos	110	Grand off combon on the surface before pondercount.	E	d.04.20		Rogers	
		permanent duringe.					160405
					399		

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date: <u>උදු / ර 4 / ට</u>
			QA: N/C Closed:	Date:

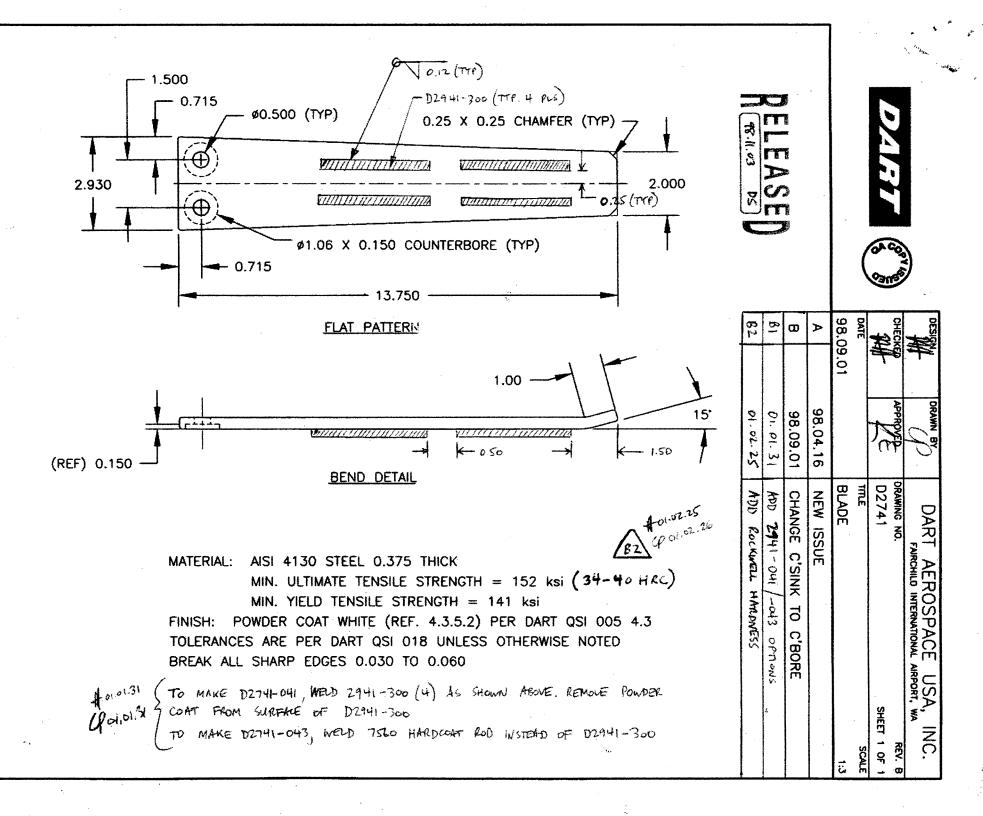
NCR:		,	WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Verification	Annrovol	A					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
					·							
				•								
	1					-						
		<i>j.</i>										

NOTE: Date & initial all entries

Date: Thursday, 2/23/2006 3:28:04 PM Linda Lacelle User: **Process Sheet** Drawing Name: BLADE Customer: CU-DAR001 Dart Helicopters Services Job Number: 25938 Part Number: D2741 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL CONVERSION 12.0 QC3 POWDER COAT/CHEMICAL CONVERSION Comment: INSPECT PACKAGING RESOURCE #1 13.0 PACKAGING 1 **Comment: PACKAGING RESOURCE #1** Identify and Stock Location: ST 150 DC DOCUMENT CONTROL 14.0 Comment: DOCUMENT CONTROL Inspection Level 21 Job Completion

Dart Ae	rospace	Ltd							
W/O:		· · · · · · · · · · · · · · · · · · ·	٧	VORK ORDER CHANGES					
DATE	STÉP		PROCEDURE CHANGE By Date				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	:								
Part No	*	PAR #:	Fault Ca	tegory: NC	R: Yes	No DQ	A:	_ Date: _	
					QA: N	I/C Close	d:	_ Date: _	
NCR:		٧	VORK OR	DER NON-CONFORMANC	E (NCF	₹) -			
		Description of NC		Corrective Action Section B	В		cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8		on C	Chief Eng	QC Inspector
							ı		
		<u></u>							

NOTE: Date & initial all entries



DART AEROSPACE LTD	Work Order:	
Description: Blade	Part Number: D274	<u>41</u>
Inspection Dwg: D2741 Rev: B2	Page 1	of 1

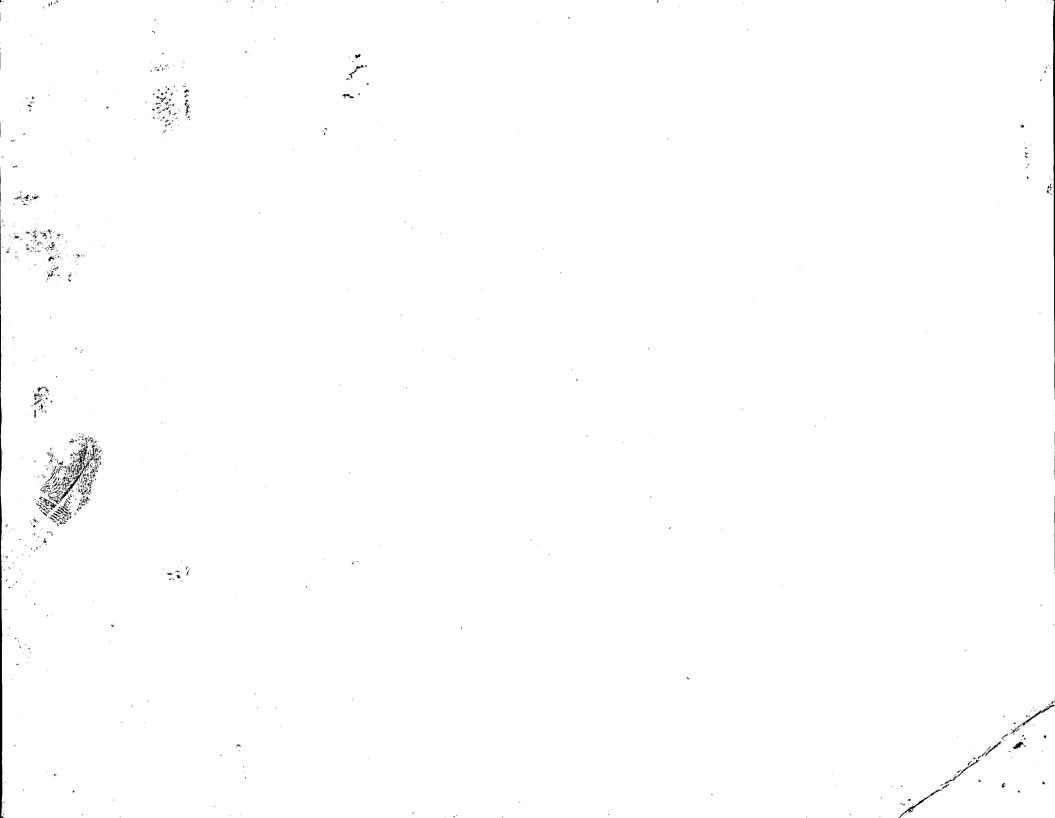
FIRST ARTICLE INSPECTION CHECKLIST

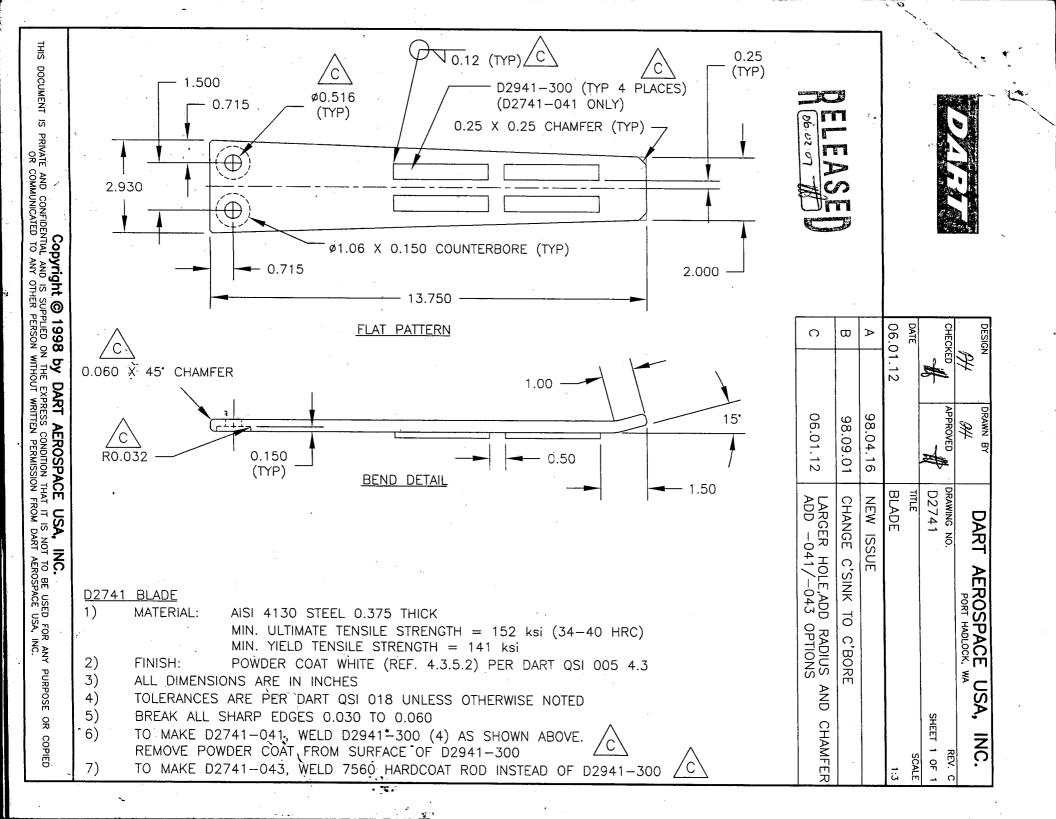
X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.500	+/-0.010	1.500	1/			
0.715	+/-0.010	.715				
Ø0_500 0.516	+0.005/-0.000	.503		0.58	o as p	can't mesul
2.000	+/-0.010					can't mesure
13.750	+/-0.010	13.750	1			m-tupe
Ø1.06 x 0.150	+/-0.010	7.062X.149	1			1
2.930	+/-0.010	2.931				
0.375	+/-0.010	.385				
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						1
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Measured by: TL	Audited by:	MS	Prototype Approval:	N/A
Date: 06.02.28	Date:	06/02/28	Date:	NA

Rev	Date	Change		Revised by	Approved
Α	03.12.22	New Issue	• ;	KJ/RF	







Linda Lacelle

From:

Peter Hum [phum@dartaero.com]

Sent: To:

Tuesday, March 14, 2006 8:10 AM 'Linda Lacelle'

Subject:

RE: D2741 BLADES

Yes, this change will still apply to CHG 001 skidtubes.

----Original Message----

From: Linda Lacelle [mailto:llacelle@dartaero.com]

Sent: Tuesday, March 14, 2006 6:57 AM To: Peter Hum (E-mail)

Subject: D2741 BLADES

Peter,

One thing I forgot to asl you in the eng meeting yesterday...you had given me a new drwg to drill the holes bigger in the blades..do we still do this??



RELEASE NOTE

GST No.: R105468102

OAK 73836-1

LEAD OFFICE 1371 SPEERS ROAD, OAKVILLE, ONTARIO CANADA L6L 2X5 Tel: (905) 827-4171 FAX: (905) 827-7489 2009 WYECROFT ROAD, UNIT B OAKVILLE, ONTARIO CANADA L6I 6J4 Tel.: (905) 827-7377 FAX: (905) 827-1380

OUEBEC DIVISION 7450 RUE VÉRITÉ STREET, ST. LAURENT, QUÉBEC CANADA H4S 1C5 TEL: (514) 334-4240 FAX: (514) 334-6269

03/31/2006 MM / DD / YYYY

1

PAGE:

1DAR01

DART AEROSPACE LTD. 1270 ABERDEEN ST.

HAWKESBURY, ON

SHIP TO: DART AEROSPACE LTD.

1270 ABERDEEN ST. HAWKESBURY, ON

K6A 1K7

K6A 1K7

DATE SHIPPED	SHIP VIA	F.O.B.	
03/31/2006		ORIGIN	
CUSTOMER P/O No.	JOB No.	TERMS	
846		COD	

QTY SHPD **TEST RESULTS** UOM PART NO. DESCRIPTION

D2741

BILL TO:

BLADE

EΑ

40 40

Process Specifications:

Procedure: 4161

HARDENED PER DWG. D2741 TO 152 KSI MINIMUM

HRC 34-40

MATERIAL: 4130

B/N25938

J. 64-05

I hereby certify that the material covered by this release note has been inspected and tested and conforms to all specifications relevant thereto in accordance with the conditions of the contract / or purchase order.

ON BEHALF OF VAC AERO INTERNATIONAL INC.

Authorized Q.C. Inspector



